

Appendix table 3-9.

**Employed individuals with S&E highest degrees whose jobs are closely or somewhat related to field of highest degree  
by degree level and years since degree: 1999**  
(Percentages)

Field of highest degree	Employed S&Es, total	Years since degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36 or above
<b>All degree levels</b>									
<b>All S&amp;E</b> .....	76.8	77.5	80.1	81.1	77.7	73.0	73.0	74.2	70.1
<b>Engineering</b> .....	89.6	91.9	91.0	91.1	89.6	89.2	88.6	88.1	80.2
Aerospace engineering .....	79.8	85.7	74.7	80.6	75.9	95.5	80.4	92.6	44.9
Chemical engineering .....	86.7	85.8	91.2	88.9	83.7	91.1	87.6	89.7	71.7
Civil engineering .....	92.0	92.0	93.0	93.8	89.6	88.9	94.0	94.4	92.8
Electrical engineering .....	92.9	95.5	92.4	93.8	95.8	93.0	89.5	89.6	83.2
Industrial engineering .....	83.9	89.9	86.7	88.6	80.6	77.5	85.6	71.9	69.9
Mechanical engineering .....	89.5	91.8	91.0	90.9	90.4	89.9	89.1	85.6	80.6
Other engineering .....	86.5	90.0	91.2	87.7	87.0	83.1	84.0	82.5	77.2
<b>Life sciences</b> .....	74.4	75.8	83.8	79.0	72.6	69.1	70.1	70.4	64.3
Agriculture .....	74.6	80.8	80.9	77.6	73.4	70.2	69.4	78.5	60.8
Biological sciences .....	74.4	74.5	84.9	79.2	73.3	69.1	70.6	69.4	63.4
Health and medical .....	73.3	79.6	77.3	80.8	64.6	66.4	66.8	46.3	99.1
<b>Computer and math sciences</b> .....	87.7	92.2	89.4	90.8	91.4	88.0	77.2	71.8	68.4
Computer sciences .....	93.3	94.8	93.4	92.9	92.9	94.6	87.6	87.2	S
Mathematical sciences .....	80.5	86.8	81.0	84.6	88.4	84.1	74.6	70.9	68.1
<b>Physical sciences</b> .....	77.8	83.0	84.4	77.4	75.1	75.7	72.7	83.7	67.2
Chemistry .....	79.8	87.2	90.2	80.8	79.6	75.5	71.7	85.1	61.7
Geosciences .....	72.1	79.0	76.0	69.2	71.1	71.2	66.8	82.7	59.9
Physics and astronomy .....	79.5	81.8	81.6	78.1	72.2	82.3	75.9	82.2	84.2
Other physical sciences .....	79.4	68.7	85.4	87.4	80.0	78.0	83.5	78.1	59.5
<b>Social sciences</b> .....	65.9	66.8	68.0	68.2	66.6	63.1	63.7	62.6	63.0
Economics .....	71.9	78.6	72.4	70.8	72.7	65.7	65.8	71.1	76.4
Political sciences .....	55.5	56.6	57.6	54.5	56.0	54.1	53.6	50.5	58.0
Psychology .....	72.0	72.6	75.0	76.0	73.2	69.3	68.3	63.7	62.6
Sociology and anthropology .....	61.5	61.9	64.3	62.2	60.9	60.2	59.6	65.4	57.9
Other social sciences .....	62.7	62.9	63.1	70.5	56.9	56.9	71.7	61.0	47.9

See explanatory notes, if any, and SOURCE at end of table.

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Appendix table 3-9.

**Employed individuals with S&E highest degrees whose jobs are closely or somewhat related to field of highest degree by degree level and years since degree: 1999**  
(Percentages)

Field of highest degree	Employed S&Es, total	Years since degree							
		1–5	6–10	11–15	16–20	21–25	26–30	31–35	36 or above
<b>Bachelor's</b>									
<b>All S&amp;E</b> .....	72.4	72.3	76.0	76.8	73.8	68.1	68.8	69.6	67.8
<b>Engineering</b> .....	88.6	91.0	89.9	90.0	88.6	88.6	89.3	86.1	80.5
Aerospace engineering .....	76.8	77.8	68.9	77.0	75.8	95.7	90.5	88.7	39.8
Chemical engineering .....	84.5	83.6	89.9	86.0	82.1	90.9	84.0	88.7	70.3
Civil engineering .....	92.4	91.9	91.6	93.3	87.7	92.7	95.5	96.3	93.7
Electrical engineering .....	92.3	95.0	91.4	92.6	95.5	91.9	92.1	86.8	83.8
Industrial engineering .....	82.9	86.8	84.6	89.0	78.9	79.8	86.6	72.3	71.9
Mechanical engineering .....	89.1	91.9	90.5	90.6	91.4	88.1	88.7	83.7	81.2
Other engineering .....	82.8	88.5	92.3	84.9	84.0	74.7	79.3	74.8	77.8
<b>Life sciences</b> .....	69.0	70.5	80.8	73.4	66.8	63.5	64.1	64.1	58.2
Agriculture .....	72.3	76.7	79.5	73.8	71.7	69.8	66.8	79.2	60.4
Biological sciences .....	68.2	68.7	81.8	73.0	66.5	62.0	64.0	61.1	54.0
Health and medical .....	67.8	77.2	72.6	76.3	52.7	61.5	59.6	S	S
<b>Computer and math sciences</b> .....	86.1	90.2	87.4	90.0	91.3	84.4	75.0	70.8	66.0
Computer sciences .....	92.8	93.2	91.8	93.0	93.3	94.6	87.8	S	S
Mathematical sciences .....	77.6	84.5	78.4	81.0	87.1	78.7	72.4	69.7	65.7
<b>Physical sciences</b> .....	72.2	79.0	80.5	71.2	69.4	71.8	64.3	78.4	61.0
Chemistry .....	74.5	83.0	90.3	76.3	73.7	69.1	62.3	81.6	56.5
Geosciences .....	65.7	73.8	64.4	64.2	65.7	65.5	60.7	73.3	54.5
Physics and astronomy .....	74.7	80.7	76.6	64.6	66.2	93.8	62.5	74.5	79.6
Other physical sciences .....	74.5	61.1	77.6	85.2	73.6	75.1	84.7	S	58.6
<b>Social sciences</b> .....	60.2	61.7	63.7	58.8	59.5	57.3	58.5	58.1	60.3
Economics .....	68.9	76.2	71.1	66.5	69.5	61.4	61.9	64.4	74.8
Political sciences .....	52.1	51.0	55.9	51.2	53.4	50.0	49.0	50.0	57.3
Psychology .....	63.3	66.2	67.9	60.8	63.1	60.6	59.6	49.5	55.8
Sociology and anthropology .....	59.1	59.2	62.2	56.0	58.4	59.2	56.8	65.4	55.2
Other social sciences .....	57.3	58.3	57.5	63.2	45.3	49.4	70.7	59.4	48.6

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 3-9.

**Employed individuals with S&E highest degrees whose jobs are closely or somewhat related to field of highest degree  
by degree level and years since degree: 1999**  
(Percentages)

Field of highest degree	Employed S&Es, total	Years since degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36 or above
<b>Master's</b>									
<b>All S&amp;E</b> .....	87.6	91.2	90.7	91.1	86.1	84.3	81.6	83.2	76.0
<b>Engineering</b> .....	91.8	93.2	93.1	94.8	92.7	90.3	87.0	92.5	74.8
Aerospace engineering .....	84.6	93.7	85.1	95.0	73.4	93.9	58.4	95.6	S
Chemical engineering .....	93.8	92.7	98.2	100.0	90.8	92.1	100.0	88.5	70.3
Civil engineering .....	90.4	91.8	96.5	95.1	95.4	75.4	88.4	89.4	85.4
Electrical engineering .....	94.2	96.3	94.3	96.6	96.7	96.1	82.1	95.7	78.4
Industrial engineering .....	86.5	93.9	91.2	86.4	89.2	72.1	88.7	S	S
Mechanical engineering .....	90.8	91.5	93.0	91.6	83.0	97.1	91.9	93.1	73.7
Other engineering .....	91.8	90.5	89.2	93.9	93.8	95.3	92.8	92.6	56.4
<b>Life sciences</b> .....	85.8	92.4	86.4	89.5	83.9	83.1	80.1	79.9	79.9
Agriculture .....	78.5	91.8	74.9	94.1	75.8	65.2	S	70.6	S
Biological sciences .....	86.8	94.3	88.3	87.9	84.5	86.2	79.2	83.8	84.0
Health and medical .....	91.4	86.1	91.6	93.2	92.9	100.0	S	S	S
<b>Computer and math sciences</b> .....	91.5	96.0	94.4	93.1	91.2	96.8	80.6	70.8	74.6
Computer sciences .....	94.3	97.8	97.4	92.1	91.3	94.6	87.2	S	S
Mathematical sciences .....	87.0	91.2	87.1	96.8	91.0	98.4	77.6	70.3	73.9
<b>Physical sciences</b> .....	83.9	90.5	92.4	79.7	79.6	76.8	80.4	89.4	80.8
Chemistry .....	84.9	95.0	87.1	76.8	84.0	81.7	82.8	93.5	69.4
Geosciences .....	81.1	87.6	93.1	73.3	85.2	76.0	68.1	S	S
Physics and astronomy .....	82.6	87.2	91.4	91.1	60.4	64.7	86.7	84.4	92.3
Other physical sciences .....	94.3	91.7	100.0	91.0	100.0	100.0	S	S	S
<b>Social sciences</b> .....	83.1	86.8	85.3	89.6	81.4	78.0	78.5	76.6	73.4
Economics .....	82.3	89.5	75.3	93.4	82.3	72.4	71.7	100.0	90.0
Political sciences .....	71.6	85.7	65.3	75.8	59.7	69.1	71.2	S	S
Psychology .....	88.7	90.8	93.8	93.0	86.0	85.0	82.4	91.0	85.6
Sociology and anthropology .....	74.9	82.2	75.0	87.0	66.1	56.1	88.1	61.6	S
Other social sciences .....	77.8	76.9	88.9	83.2	86.4	75.7	70.4	63.3	S

See explanatory notes, if any, and SOURCE at end of table.

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**Employed individuals with S&E highest degrees whose jobs are closely or somewhat related to field of highest degree by degree level and years since degree: 1999**  
(Percentages)

Field of highest degree	Employed S&Es, total	Years since degree							
		1–5	6–10	11–15	16–20	21–25	26–30	31–35	36 or above
<b>Doctorate</b>									
<b>All S&amp;E</b> .....	92.6	95.0	93.5	92.5	92.4	91.1	90.1	92.0	92.7
<b>Engineering</b> .....	92.6	94.4	93.0	91.4	94.8	91.5	87.4	95.6	92.6
Aerospace engineering .....	94.6	95.9	95.5	91.0	100.0	100.0	87.6	100.0	78.4
Chemical engineering .....	92.9	95.3	91.5	89.1	97.0	90.5	91.4	97.0	94.7
Civil engineering .....	95.3	94.8	94.1	97.4	99.2	90.1	100.0	87.5	95.9
Electrical engineering .....	94.3	95.9	94.1	96.4	96.1	95.2	86.0	97.9	92.1
Industrial engineering .....	87.9	98.0	90.7	90.2	100.0	100.0	60.0	S	S
Mechanical engineering .....	91.4	91.1	90.9	93.9	91.7	90.6	86.1	100.0	92.8
Other engineering .....	90.8	93.6	92.9	85.3	92.7	88.7	85.3	93.0	93.0
<b>Life sciences</b> .....	92.9	95.6	95.3	90.8	91.3	90.9	92.1	92.8	92.0
Agriculture .....	91.1	94.4	95.9	87.2	91.8	87.9	89.7	93.1	78.4
Biological sciences .....	93.0	95.5	95.2	91.2	91.3	90.9	92.3	92.8	93.8
Health and medical .....	95.3	100.0	92.9	93.9	91.2	99.6	96.5	86.1	S
<b>Computer and math sciences</b> .....	93.1	96.0	92.3	93.3	93.6	93.1	88.3	90.3	97.9
Computer sciences .....	97.7	98.5	96.4	97.0	98.4	100.0	S	S	S
Mathematical sciences .....	91.1	93.8	88.6	91.0	91.6	92.3	88.1	90.3	97.9
<b>Physical sciences</b> .....	89.5	91.8	87.7	91.8	90.9	87.8	86.9	88.7	89.4
Chemistry .....	91.1	95.7	91.0	92.6	91.4	91.4	88.3	87.3	88.1
Geosciences .....	92.6	92.3	88.1	91.6	91.5	94.5	93.9	97.0	100.0
Physics and astronomy .....	85.6	86.5	81.4	90.1	90.4	79.3	83.0	88.7	87.8
Other physical sciences .....	96.3	93.1	100.0	100.0	81.7	100.0	S	S	S
<b>Social sciences</b> .....	94.7	96.3	96.4	95.1	93.2	92.9	93.3	93.9	96.8
Economics .....	97.2	95.7	96.9	97.3	95.9	99.1	97.3	98.5	98.1
Political sciences .....	91.3	93.7	92.3	88.2	97.1	88.0	89.8	87.7	90.6
Psychology .....	96.1	98.0	97.9	96.7	94.7	94.0	93.7	95.7	97.1
Sociology and anthropology .....	91.2	92.2	94.5	91.4	89.2	88.8	91.7	85.3	100.0
Other social sciences .....	91.9	96.4	93.0	94.3	85.8	90.3	91.6	90.8	100.0

<sup>a</sup>Includes professional degrees.

S = suppressed for reasons of confidentiality and/or data reliability

SOURCE: National Science Foundation, Division of Science Resources Statistics (NSF/SRS), Scientists and Engineers Statistical Data System (SESTAT), 1999.